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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/062,949	01/30/2002	Kazuya Uemura	16869S-042100US	4586

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EXAMINER
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SHIFERAW, ELENI A

ART UNIT	PAPER NUMBER
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2136

DATE MAILED: 06/28/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/062,949

Applicant(s)

UEMURA ET AL.

Examiner

Eleni A. Shiferaw

Art Unit

2136

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 11/4/05.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 1/14/2004, 5/24/20.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

Detailed Action

1. Claims 1-12 are presented for examination.

*Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-3, 5, 7, and 9-12 are rejected under 35 U.S.C. 102(e) as being anticipated by Coulthard et al. (Coulthard, Pub. No.: US 2002/0059364 A1).

As per claim 1, Coulthard teaches an authenticity output method of outputting a verification result of authenticity based on digital data, comprising the steps of:

registering information which is outputted together with the verification result of the authenticity based on the digital data into a personal table for verification (3 par. [0049-0050], page 4 par. 0063 lines 6-8);

verifying the authenticity based on the digital data (page 3 par. 0050); and

when the verification result of the authenticity based on the digital data is outputted (page 2 par. [0044-0046]), reading out the information registered in said personal table for verification (page 3 par. 0050) and outputting said information in accordance with said verification result (page 5 par. 0079 lines 6-9).

As per claim 2, Coulthard teaches an authenticity output method of outputting a verification result of authenticity based on digital data, comprising the steps of:

registering information which is outputted together with the verification result of the authenticity based on the digital data into a personal table for verification of a server connected to a network (page 3 par. [0049-0050], page 4 par. 0063 lines 6-8);

requesting the verification of the authenticity based on the digital data to said server by a client connected to said network (fig. 4 element 134);

in said server, verifying the authenticity based on the digital data (fig. 4 element 136, and page 3 par. 0050);

in said server, reading out the information registered in said personal table for verification and sending said information to said client in accordance with said verification result (page 3 par. 0050, and page 5 par. 0079); and

outputting by said client the information together with verification result and which was sent from said server (page 5 par. 0079 lines 6-9).

As per claim 10, an authenticity output apparatus for outputting a verification result of authenticity based on digital data, comprising:

an information registration processing unit for registering information which is outputted together with the verification result of the authenticity based on the digital data into a personal table for verification (3 par. [0049-0050], page 4 par. 0063 lines 6-8); and

an information output processing unit for verifying the authenticity based on the digital data (fig. 4 element 136, and page 3 par. 0050), and when the verification result of the authenticity based on said digital data is outputted, reading out the information registered in said personal table for verification (page 3 par. 0050, and page 5 par. 0079), and outputting said information in accordance with said verification result (page 5 par. 0079 lines 6-9).

As per claim 11, Coulthard teaches an authenticity output system for outputting a verification result of authenticity based on digital data through the network, comprising:

a server which is connected to said network (fig. 4 element 124 and 139) and has an information registration processing unit for registering information (fig. 4 element 128) which is outputted together with the verification result of the authenticity based on the digital data into a personal table for verification and an information output processing unit for verifying the authenticity based on the digital data (page 5 par. 0079 lines 6-9), and when the verification result of the authenticity based on said digital data is outputted, reading out the information registered in said personal table for verification (page 3 par. 0050, and page 5

par. 0079), and outputting said information to the network in accordance with said verification result (fig. 2 element 108); and

a client which connected to said network (fig. 4 element 139 and 138) and has a client for requesting the verification of the authenticity based on the digital data (fig. 4 element 134) and outputting the digital data together with verification result and which was sent from said server (page 5 par. 0079 lines 6-9).

As per claim 12, Coulthard teaches a program for allowing a computer to function as an authenticity output apparatus for outputting a verification result of authenticity based on digital data, wherein

said program allows the computer to function as an information registration processing unit for registering information (page 2-3 par. [0048-0050]) which is outputted together with the verification result of the authenticity based on the digital data into a personal table for verification (page 5 par. 0079 lines 6-9) and an information output processing unit for verifying the authenticity based on the digital data, and when said verification result is outputted, reading out the information registered in said personal table for verification (fig. 4 element 136, and page 3 par. 0050), and outputting said information together with said verification result page 5 par. 0079 lines 6-9).

As per claim 3, Coulthard teaches a method, wherein the information which is outputted together with said verification result is multimedia data which can be sensitively recognized, such as arbitrary character train information, image data information, audio data information,

motion image data information, or the like designated by the user (Coulthard page 1 par. 0010).

As per claim 5, Coulthard teaches a method, wherein a digital signature is made to the information which is outputted together with said verification result and the obtained information is registered into said personal table for verification (Coulthard page 4 par. 0068).

As per claim 7, Coulthard teaches a method, wherein when said verification result of the authenticity based on said digital data is outputted, outputting the information registered in said personal table for verification to an output area which was newly formed (Coulthard page 5 par. 0079 lines 6-9, and page 3 par. [0049-0050]).

As per claim 9, Coulthard teaches a method, wherein when a log-in dialog to a specific information processing apparatus is outputted, the information registered in said personal table for verification is read out and outputted together with said log-in dialog (Coulthard page 3 par. [0057-0058]).

*Claim Rejections - 35 USC § 103*

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Coulthard et al. (Coulthard, Pub. No.: US 2002/0059364 A1) and further in view of Mori et al. (Mori, Pub. No.: US 2001/0025272 A1).

As per claim 4, Coulthard teaches receiving encrypted verification request and verifying content by determining verification information for the content corresponding to the verification request and comparing the determined verification information with the stored verification information (abstract and page 4 par. 0067).

Coulthard does not explicitly disclose wherein the information which is outputted together with said verification result is encrypted.

However Mori discloses a method, wherein the information which is outputted together with said verification result is encrypted and registered into said personal table for verification (Mori page 4 par. 0082, and page 3 par. 0061 and par. 0076). Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made to employ the teachings of Mori within the Coulthard because they are analogous in verifying signature information according to authentication information (Mori page 1 par. 0016). One would have been motivated to employ the teachings of Mori within the system of Coulthard because encrypting the information would make the system secure (Mori page 10 par. 0177).



6. Claims 6 and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Coulthard et al. (Coulthard, Pub. No.: US 2002/0059364 A1) and Mori et al. (Mori, Pub. No.: US 2001/0025272 A1), and in further view of Tanaka (Patent No.: US 6,647,200 B1).

As per claim 6 Coulthard and Mori teach all the subject matter as described above.

Coulthard and Mori fail to teach outputting verification information to a specific position designated by the user.

However Tanaka discloses a method, wherein when said verification result of the authenticity based on said digital data is outputted, the information registered in said personal table for verification is outputted to a specific position designated by the user (Tanaka col. 20 lines 44-65). Therefore it would have been obvious to one having ordinary skill in the art at the time of the invention was made to combine the teachings of Tanaka within the combination system of Coulthard and Mori because it would give option to the user where to display the verification information (Tanaka col. 20 lines 44-65).

As per claim 8, Coulthard, Mori, and Tanaka teach all the subject matter as described above. In addition, Tanaka teaches a method, wherein when said verification result of the authenticity based on said digital data is outputted, the information registered in said personal table for verification is outputted together with specific authenticity information in said digital data designated by the user (Tanaka col. 20 lines 44-65).

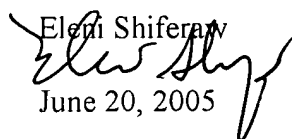
Art Unit: 2136

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eleni A. Shiferaw whose telephone number is 571-272-3867.

The examiner can normally be reached on Mon-Fri 8:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz R. Sheikh can be reached on 571-272-3795. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Eleni Shiferaw  
  
June 20, 2005

  
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